

SEQUENCE LISTING

.110	PADENS		
<110>	Acey, Roger A.		
<120>	Metal Binding Proteins and Associated Methods		
<130>	51302-00002		
<140> <141>	10/797,748 2004-03-09		
<150> <151>	09/948,495 2001-09-06		
<160>	10		
<170>	PatentIn version 3.2		
<210> <211> <212> <213>	1 147 DNA Artemia sp.		
<400> 1 atggactgct gcaaagaacgg ttgcacctgt gccccaaatt gcaaatgtgc caaagactgc 60			
aaatgctgca aaggttgtga gtgcaaaagc aacccagaat gcaaatgtga gaagaactgt 120			
tcatgc	aact catgtggttg tcactga 147		
<210> <211> <212> <213>	2 48 PRT Artemia sp.		
<400> 2			
Met As 1	p Cys Cys Lys Asp Gly Cys Thr Cys Ala Pro Asp Cys Lys Cys 5 10 15		
Ala Ly	s Asp Cys Lys Cys Cys Lys Gly Cys Glu Cys Lys Ser Asp Pro 20 25 30		
Glu Cy	s Lys Cys Glu Lys Asp Cys Ser Cys Asp Ser Cys Gly Cys His 35 40 45		
<210> <211> <212> <213>	3 66 DNA Artemia sp.		
<400> 3 atggactgct gcaagaacgg ttgcacctgt gccccaaatt gcaaatgtgc caaagactgc 60			
aaatgc 66			
<210> <211> <212>	4 22 PRT		

```
<213> Artemia sp.
 <400> 4
 Met Asp Cys Cys Lys Asp Gly Cys Thr Cys Ala Pro Asp Cys Lys Cys
 Ala Lys Asp Cys Lys Cys
 <210>
 <211>
        34
 <212>
        DNA
        Artificial
 <213>
 <220>
 <223>
        5' primer (N-terminal side) designated MT-Not I for PCT
        amplification of Artemia metal binding protein sequences
 <400>
                                                                         34
 acctatgcgg ccgcaaatgg actgctgcaa gaac
 <210>
 <211>
        31
 <212>
        DNA
 <213>
        Artificial
 <220>
 <223>
        3' primer (C -terminal side) designated dT-Not I for PCT
        amplification of Artemia metal binding protein sequences
<400>
 gcaccaacta gtgccttttt tttttttt a
                                                                         31
 <210> 7
<211> 3
        31
 <212>
       DNA
       Artificial
 <213>
 <220>
 <223>
        3' primer (C -terminal side) designated dT-Not I for PCT
        amplification of Artemia metal binding protein sequences
 <400>
                                                                         31
 gcaccaacta gtgccttttt tttttttt c
 <210>
 <211>
        31
 <212>
       DNA
 <213>
       Artificial
 <220>
 <223>
        3' primer (C -terminal side) designated dT-Not I for PCT
        amplification of Artemia metal binding protein sequences
 gcaccaacta gtgccttttt tttttttt g
                                                                         31
```

<212>	33 DNA Artificial	
<220> <223>	5' primer containing an Nde I site	
<400> gctaca	9 acata tgtccatgga ctgctgcaag aac	33
<210> <211> <212> <213>	31	
<220> <223>	3' primer containing Sal I site	
<400> acgaac	10 gtcg acgcctttt tttttttt a	31